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URBAN DISTRICT OF BAKEWELL

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

DAVID P. ADAMS, M.B., Ch.B., D.P.H.

FOR THE YEAR

1971

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To: The Chairman and Members of the Bakewell Urban District Council.

Mr. Chairman, Madam and Gentlemen,

I present, as under, my Annual Report for the year 1971 with various Vital Statistics and Sanitary Circumstances.

STATISTICS

Area	..	..	..	..	..	..	..	..	..	..	..	..	3061 acres
Population Census, 1961	..	..	..	..	..	..	..	..	..	..	..	..	3606
Population Mid-year 1971, estimated by the Registrar General						..	..	..	..	..	..	..	4320
Rateable Value	..	..	..	..	..	..	..	..	..	..	..	..	£176,754
Product of Penny Rate	..	..	..	..	..	..	..	..	..	..	..	..	£1680

BIRTHS

	<u>Total</u>	<u>Male</u>	<u>Female</u>
Live Births			
Legitimate	33	17	16
Illegitimate	5	2	3
	<hr/>	<hr/>	<hr/>
	38	19	19
Still Births			
Legitimate	0	0	0
Illegitimate	0	0	0
	<hr/>	<hr/>	<hr/>
	0	0	0
Birth Rate (Crude) Per 1,000 estimated population	:		8.8
Birth Rate (Comparable)	:		1.08
Illegitimate Live Births per cent of Total			
Live Births	:		13
Still Birth Rate per 1,000 total Live & Still Births	:		0

Infant Mortality

Death of Infants under 1 year of age

	<u>Total</u>	<u>Male</u>	<u>Female</u>
Legitimate	2	1	1
Illegitimate	0	0	0
	<hr/>	<hr/>	<hr/>
	2	1	1

Deaths of Infants under 4 weeks of age

	<u>Total</u>	<u>Male</u>	<u>Female</u>
Legitimate	2	1	1
Illegitimate	0	0	0
	<hr/>	<hr/>	<hr/>
	2	1	1

Deaths of Infants under 1 week of age

	<u>Total</u>	<u>Male</u>	<u>Female</u>
Legitimate	2	1	1
Illegitimate	0	0	0
	2	1	1

Infant Mortality Rates

Total Infant Deaths per 1,000 Live Births	53
Legitimate Infant Deaths per 1,000 Legitimate Live Births	61
Illegitimate Infant Deaths per 1,000 Illegitimate Live Births	0
Neo-natal Mortality Rate (Deaths under 4 weeks per 1,000 total Live Births)	53
Early Neo-natal Mortality Rate (Deaths under 1 week per 1,000 Total Live Births)	53
Peri-natal Mortality Rate (Still Births and Deaths under 1 week per 1,000 Total Live and Still Births)	53

Deaths

	<u>Total</u>	<u>Male</u>	<u>Female</u>
	69	40	29
Death Rate (Crude) per 1,000 estimated population			16.0
Death Rate (Comparable) per 1,000 estimated population			.58

COMPARABLE VITAL STATISTICS 1970/71

	<u>England & Wales</u>		<u>Bakewell U.D.C.</u>	
	1970	1971	1970	1971
Live Birth Rate per 1,000 estimated population	16.0	16.0	9.9	8.8
Death Rate per 1,000 estimated population	11.7	11.6	10.6	16.0
Infant Mortality Rate Deaths under 1 year per 1,000 Total Live Births	16.0	18.0	53	53
Still Birth Rate per 1,000 Total Live and Still Births	13.0	12.0	NIL	NIL
Neo-natal Mortality Rate Deaths under 4 weeks per 1,000 Total Live Births	12.0	12.0	53	53
Peri-natal Mortality Rate Still Births and Deaths under 1 week	23.0	22.0	53	55

The infant mortality rate of 53 is apparently very high, but this is because of the small numbers involved. In fact there were 38 live births; one male and one female died in the first week of life, due to congenital anomalies and birth injury.

Registrar General's Classification of
Deaths in Bakewell Urban District, 1971

Cause of Death	Sex	All Ages	Age in Years						
			Under 4 weeks	1-4	25-34	45-54	55-64	65-74	75 & over
B19(3) Malignant Neoplasm, Stomach	M	1	-	-	-	-	-	-	1
	F	-	-	-	-	-	-	-	-
B19(4) Malignant Neoplasm, Intestine	M	2	-	-	-	-	-	1	1
	F	1	-	-	-	-	1	-	-
B19(6) Malignant Neoplasm, Lung, Bronchus	M	5	-	-	-	-	3	-	2
	F	-	-	-	-	-	-	-	-
B19(7) Malignant Neoplasm, Breast	M	-	-	-	-	-	-	-	-
	F	1	-	-	1	-	-	-	-
B19(9) Malignant Neoplasm, Prostate	M	1	-	-	-	-	-	-	1
B21 Diabetes Mellitus	M	-	-	-	-	-	-	-	-
	F	1	-	-	-	-	1	-	-
B26 Chronic Rheumatic Heart Disease	M	1	-	-	-	-	-	-	1
	F	-	-	-	-	-	-	-	-
B28 Ischaemic Heart Disease	M	6	-	-	-	-	2	2	2
	F	3	-	-	-	-	1	1	1
B29 Other forms of Heart Disease	M	1	-	-	-	-	-	-	1
	F	1	-	-	-	-	-	-	1
B30 Cerebrovascular Disease	M	7	-	-	-	1	-	3	3
	F	10	-	-	-	1	-	2	7
B46(6) Other circulatory Disease	M	3	-	-	-	-	-	-	3
	F	3	-	-	-	1	-	-	2
B32 Pneumonia	M	5	-	1	-	-	-	2	2
	F	5	-	-	-	-	-	-	5
B33(1) Bronchitis and Emphysema	M	5	-	-	-	-	2	-	3
	F	-	-	-	-	-	-	-	-
B35 Appendicitis	M	1	-	-	-	-	-	-	1
	F	-	-	-	-	-	-	-	-
B46(9) Other diseases, Genito-Urinary System	M	-	-	-	-	-	-	-	-
	F	1	-	-	-	-	-	-	1
B42 Congenital Anomolies	M	2	1	1	-	-	-	-	-
	F	-	-	-	-	-	-	-	-
B43 Birth Injury, Difficult Labour etc.	M	-	-	-	-	-	-	-	-
	F	1	1	-	-	-	-	-	-
BE47 Motor Vehicle Accidents	M	-	-	-	-	-	-	-	-
	F	1	-	-	-	-	-	-	1
BE48 All other Accidents	M	-	-	-	-	-	-	-	-
	F	1	-	-	-	-	1	-	-
TOTAL ALL AGES	M	40	1	2	-	1	7	8	21
	F	29	1	-	1	2	4	3	18

Registrar General's Classification of
Deaths, 1971

A. Bakewell War Memorial Cottage Hospital

B. Newholme Hospital, Bakewell

<u>Code No.</u>		A		B	
		M	F	M	F
10.	Malignant neoplasm - stomach	1	-	1	-
11.	Malignant neoplasm - lung, bronchus	2	1	2	-
12.	Malignant neoplasm - breast	1	-	-	-
14.	Other malignant and lymphatic neoplasms	4	3	2	-
17.	Cerebrovascular disease	5	1	12	8
18.	Ischaemic heart disease	4	2	-	2
20.	Other forms of heart disease	-	1	-	2
21.	Other circulatory disease	-	1	2	3
23.	Pneumonia	-	2	10	2
24.	Bronchitis, emphysema	2	-	2	-
32.	Diseases of the nervous system	-	-	1	-
TOTALS		19	11	32	17

NEWHOLME HOSPITAL, BAKEWELL

Number of Patients in Hospital at 1st January, 1971	69
Admissions during the year	69
Discharged during the year	21
Deaths during the year	49
Patients remaining in hospital at 31st December, 1971	68
Of the 49 deaths, 32 were male and 17 female	
Average age at death of males	77.38
Average age at death of females	83.47

WAR MEMORIAL COTTAGE HOSPITAL, BAKEWELL

Number of Patients in hospital at 1st January, 1971	11
Admissions during the year	160
Discharges during the year	132
Deaths during the year	30
Patients remaining in hospital at 31st December, 1971	9
Of the 30 deaths, 19 were male and 11 female	
Average age at death of males	71.84
Average age at death of females	72.09

INFECTIOUS DISEASES

No cases reported.

IMMUNISATION

It is satisfactory to report that these continue steadily.
Numbers immunised against Diphitherea were:--

Primary Immunisation	-	45
Booster Injections	-	60

In November the Department of Health and Social Security issued Circular 54/71 which gave the information that vaccinations against Smallpox need no longer be recommended as a routine procedure in early childhood.

This decision was reached due to the success of the World Health Organisation's Smallpox Eradication Programme, which has greatly reduced the area of the world in which Smallpox now exists.

Vaccination is still recommended for travellers and members of the health professions.

FOOD POISONING

No cases reported.

TUBERCULOSIS REGISTER

	Males		Females		TOTAL
	Pul.	Non-Pul.	Pul.	Non-Pul.	
On Register 1.1.71	6	1	5	0	12
Admitted during year	0	0	0	0	0
Removed during year	0	0	0	0	0
Remaining on Register 31.12.71	6	1	5	0	12

SEWERAGE AND SEWAGE DISPOSAL

The year 1971 was significant in the environmental history of the Town of Bakewell in that the construction of the modern sewage treatment plant at Picory Corner was completed and these works brought into use.

The construction of the works was part of a larger scheme jointly sponsored by the Bakewell Urban and Rural District Councils, designed to treat sewage from the Bakewell Urban District and the surrounding Parishes.

The Consulting Engineers were Messrs Elliott, Brown and Moore of Nottingham, the main contractors Messrs. Z. & W. Wade Ltd. of Whaley Bridge. The contract involved the laying of 13 miles of sewer, the construction of pumping station and sewage treatment plant capable of treating a dry weather flow of 699,00 gallons per day of sewage from a population of 14,000 persons. The anticipated overall cost of the scheme being £753,000.

There is no doubt this is a major achievement for a town of 4,200 population and indicates the Council's interest and pride in its environment.

The scheme also illustrates the ability of neighbouring Local Authorities to embark on joint enterprise, for the scheme was administered through a Joint Committee comprised of elected members of Bakewell Urban and Rural District Councils.

This Committee will continue to administer the scheme until Local Government Reform in 1974.

Further works of sewerage have been commenced during the year which include the laying of a new outfall sewer from the Town Centre to the Haddon Road Pumping Station. This includes the laying of 21 inch and 18 inch diameter sewers to replace the present 15 inch and 12 inch diameter sewers. The Consulting Engineers are Messrs. A. H. S. Waters & Partners of Birmingham and the contract is in the region of £100,000. In conjunction with the laying of the new sewers works are being carried out to eliminate infiltration water from the existing sewers. An extensive survey of the sewers has been carried out using television cameras drawn through the sewers by winches and photographs taken of any damaged or faulty sections of sewer, to give a permanent record. It is interesting to record that in general the sewers are considered to be in good condition with some exceptions and where there are defects these lengths of sewer are to be relaid.

The Contractors for the work are Messrs Lane Brothers (Mansfield) Ltd.

HOUSING

The Council have vigorously pursued their policy of building additional rented accommodation. The first phase of the Council's housing development at Stoney Close comprising 12 three bedroomed houses and 8 two bedroomed houses was completed early in the year. Plans are in the course of preparation for a second phase development and 10 three bedroomed houses, 14 two bedroomed houses, 2 four bedroomed houses and 15 one bedroomed flats. This will increase the Council's housing stock by 61 dwellings and provide valuable rented accommodation. Work on the construction of the second phase of houses is expected to start in the spring of 1972.

In addition to the Council's own development a Housing Association has shown interest in the purchase of Burton Closes Mansion with the intention of converting the house into flats and building further flats in the grounds. A percentage of these dwellings will be available for letting to tenants nominated by the Council.

The need for rented accommodation has increased partly due to Messrs Fearnough employees who live in Sheffield and work in Bakewell and require accommodation nearer their place of work. The Council have no slum clearance problems but there is a steady demand for housing from young persons commencing marital life and the more elderly who wish for smaller accommodation in their retirement years.

REFUSE COLLECTION

I was very pleased to see the introduction for the whole of the town of the paper sack system of refuse collection. There is no doubt there are many advantages such as improved hygiene in storage of refuse on house-holders premises, dustless loading as the refuse is already packed, elimination of noise associated with metal dustbins and not least very much improved conditions for the refuse collectors.

The system seems to have been well received by the general public and I commend the Council for keeping abreast of modern methods in this important public service.

FACTORY ACT 1961

Particulars with regard to the Factory Act 1961 appear as an appendix.

I had to comment last year that the Electric Power Storage Co. had closed their works causing much local unemployment.

I am now able to report on a more optimistic note in that Messrs. Fearnough's of Sheffield have purchased the works and commenced manufacture in mid 1971. They are engaged on the production of shear blades which is closely associated with the steel industry. The firm employ approximately 180 persons mostly male and although many of those are employees from their Sheffield works it is expected there will be a gradual absorption of local labour.

The Public Health Inspector's Statistical Report follows this page.

MOBILE PHYSIOTHERAPY SERVICE

During the year a voluntary body developed the impetus to organise a mobile physiotherapy service in this part of Derbyshire. The Committee decided to give both moral and practical financial support to this venture.

My thanks are due to the Council and my colleagues for their ready help and co-operation, both with general duties and with the compilation of this report.

I am

Your obedient servant,

DAVID. P. ADAMS

Medical Officer of Health.

NORTH DERBYSHIRE WATER BOARD

Report to Medical Officer of Health on
Water Supply to Bakewell U.D. Year 1971

The supplying authority to the area is the North Derbyshire Water Board.

- A. 1. The supply sources to the area are a Bulk Supply of treated water from the Derwent Valley Water Board and Fallinge Spring. Both are stored in open reservoirs and pass, after chlorination, into distribution and to three balancing tanks.

Storage is in open reservoirs, the absence of filtration and stagnation in balancing tanks at the end of the system inevitably results in deterioration of quality during distribution.

2. The quantity proved adequate, no restrictions being imposed.

- B. Chemical and Bacteriological analyses are carried out in the Board's laboratories. All raw, treated and distributed waters are examined at least monthly, the number of examinations carried out in 1971 being:-

Bacteriological	184
Chemical	60

Bacteriological results on treated waters have generally been satisfactory. Chemical results vary with location in view of the fact that two sources are involved. Approximate limits of variation being :-

pH		7.0 -	8.8	
Alkalinity	CaCO ₃	6 -	75	mg/l
Total Hardness	CaCO ₃	38 -	115	mg/l
Chloride	Cl	10.5 -	24.0	mg/l
Fluoride	F	0.1 -	0.2	mg/l

- C. Samples taken at source, in distribution and after overnight standing in lead service pipes, when examined for residual lead have yielded results which have been within the acceptable figure for lead concentration.
- D. i The number of houses connected in the area during the year was 15.
ii 107 metres of main were laid for housing developments.
- E. Before being brought into use all new mains were washed out, sterilized and samples taken to ensure satisfactory bacteriological and physical results.
- F. Waters were monitored for radioactive substances and results were well below the recommended minimum levels.

Monthly reports of current bacteriological and physical results were forwarded to the Medical Officer of Health.

ANNUAL REPORT OF PUBLIC HEALTH INSPECTOR

FOR THE YEAR, 1971

BAKEWELL URBAN DISTRICT

Inspector : J. D. Blakeway, M.A.P.H.I.,

Estimated Population : 4240 Estimated No. of Houses : 1435

<u>GENERAL SANITARY ADMINISTRATION</u>	<u>Number on Register</u>	<u>Inspections made</u>
Bakehouses	3	9
Common Lodging Houses	-	-
Dairies	1	4
Factories and Workplaces	38	26
Houses let in Lodgings	-	-
Ice Cream Premises (a) Manufacturers	-	-
(b) Dealers	18	21
Milk Distributors	-	-
Moveable Dwelling Sites	-	-
Offensive Trades	-	-
Outworkers	-	-
Preserved Food Stores	-	-
Offices, Shops & Railway Premises	86	66
Slaughterhouses (a) Public Abattoirs	-	-
(b) Private	4	346
Knackers Yards	1	5
<u>SEWERAGE AND SEWAGE DISPOSAL</u>	<u>No. of Houses</u>	<u>Est. Population Involved</u>
No. of houses connected to sewers	1415	4144
No. of houses not connected to sewers	20	96
No. of connections made during year :-		
(a) existing houses	-	
(b) new houses	20	
(c) other premises	2	
No. of conversions of other closets to W.C.'s	-	

HOUSING

Estimated No. of houses declared 'unfit', 1.1.55 to 31.12.71 23

No. of houses demolished or closed 1.1.55 to 31.12.71 18

During the year:-

(1) Houses Demolished

(a) In clearance areas -

(b) Not in clearance areas -

Unfit houses closed -

Unfit houses made fit and houses in which defects were remedied 5

Unfit houses in temporary use -

Houses in clearance areas purchased -

(2) Improvement Grants

(a) No. approved for conversion or improvement
(Housing Act, 1958) (Discretionary Grants) 6

(b) No. approved for improvement (Housing Acts, 1959 and
1969) (Standard Grants) 6

No. of new dwellings completed

(a) By Local Authority 14

(b) By Private Enterprise 6

REFUSE COLLECTION AND DISPOSAL

COLLECTION		DISPOSAL		
Direct Labour	Contract	No. of controlled tips	No. of uncontrolled tips	Destructor Works
YES	NO	1	-	-

MEAT INSPECTION

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
No. killed	684	27	1	2710	961	-
No. Inspected	684	27	1	2710	961	-

BRUCELLA ABORTUS (SAMPLING)

Milk Sampling figures for the year :-

Type of sample	Total Number Taken	Ring Test		Culture		Guinea Pig	
		Pos.	Neg.	Pos.	Neg.	Pos.	Neg.
Individual	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

REGISTRATION AND GENERAL INSPECTIONS

Class of Premises	No. of premises registered during the year	Total No. of registered premises at end of year	No. of registered premises receiving a general inspection during the year
Offices	-	35	26
Retail Shops	-	39	31
Wholesale Shops, Warehouses	-	2	2
Catering establishments open to the public, canteens	-	10	7
Fuel Storage Depots	-	-	-
TOTALS	-	86	66

PERSONS EMPLOYED IN REGISTERED PREMISES

Class of Workplace	No. of persons employed
Offices	150
Retail Shops	156
Wholesale Departments, Warehouses	73
Catering establishments open to the public	106
Canteens	1
Fuel Storage Depots	-

Total 486
Total Males 212
Total Females 274

J. D. BLAKEWAY

Surveyor & Public Health Inspector

FACTORIES ACT, 1961

INSPECTIONS for the purpose of provisions as to health (including inspections made by Public Health Inspector).

Premises	Number on Register	Number of		
		Inspec- tions	Written Notices	Occupiers prosecuted
(i) Factories in which Secs. 1,2,3,4 & 6 are to be enforced by Local Authority	6	6	-	-
(ii) Factories not inc. in (i) in which Sec. 7 is enforced by the Local Authority	32	20	-	-
(iii) Other premises in which Sec. 7 is enforced by Local Authority (exclud. out-workers' premises	-	-	-	-
Total	38	26	-	-

2 - Cases in which defects were found

Particulars	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred		
			To H.M. Inspector	By H.M. Inspector	
Want of cleanliness	-	-	-	-	-
Sanitary conveniences	1	1	-	-	-
a) Insufficient	-	-	-	-	-
b) Unsuitable or defective	-	-	-	-	-
c) Not separate for sexes	-	-	-	-	-
Total	1	1	-	-	-

3 - OUTWORK - Nil

